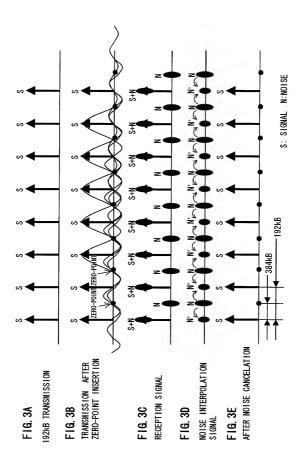


REGENERATOR REGENERATOR RECEPT I ON RECEPT I ON SIGNAL SIGNAL FREQUENCY REVERSE SHIFT SUBTRACTER PORT I ON 7 2 NOISE CANCELER INTER-Polater <u>F</u> ECHMATOR (DCM) °? FREQUENCY SHIFT PORTION TRANSMISSION RANSMISSION NYQUIST NYQUI ST 빌 PRESENT INVENTION SPECIFIC SIGNAL (ZERO-POINT) INSERTER \sim 32 \sim 32 TRANSMI SSION SIGNAL Generator RANSMISSION GENERATOR SIGNAL F1G. 2B

FIG. 2A PRIOR ART



SIGNAL POINT ON TRANSMISSION SIDE (UPON 192KB TRANSMISSION SIGNAL POINT) F1G. 4A



(384kB AFTER ZER0-POINT INSERTION) SIGNAL POINT ON TRANSMISSION SIDE F16. 4B

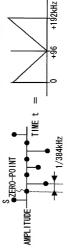
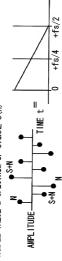


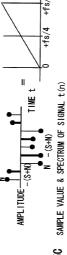
FIG. 4C SIGNAL POINT ON RECEPTION SIDE (384KB AFTER NYQUIST TRANSMISSION LINE)



SAMPLE VALUE & SPECTRUM OF SIGNAL S(n) F1G. 5A



SAMPLE VALUE & SPECTRUM OF SIGNAL (-1)"*S(n) F1G. 5B



F16. 50



FIG. 5D SAMPLE VALUE & SPECTRUM OF SIGNAL u(n)

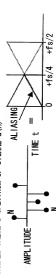
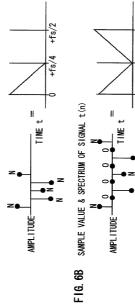
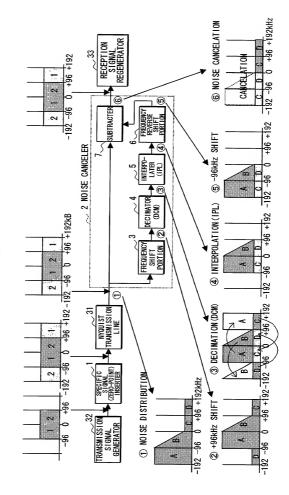
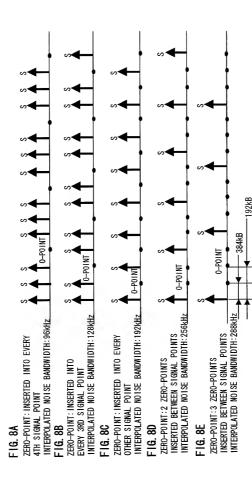


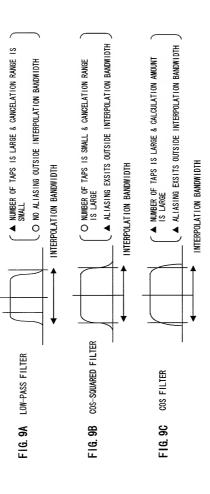
FIG. 6A SAMPLE VALUE & SPECTRUM OF SIGNAL u(n)



F1G. 7

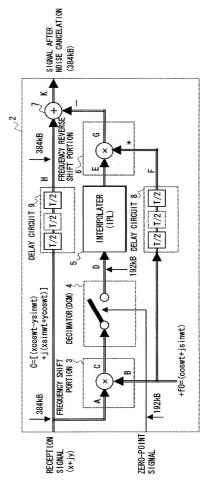






COMPO. DENEMO

F16. 11



F1G. 12

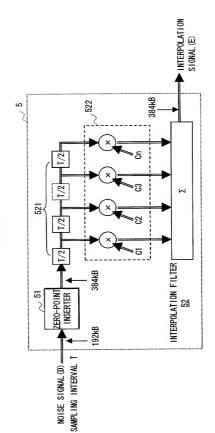
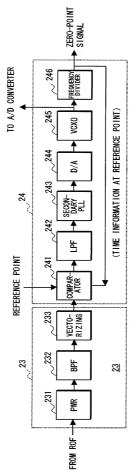
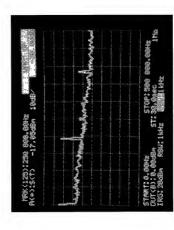


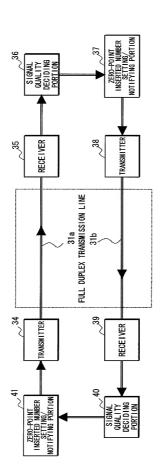
FIG. 13

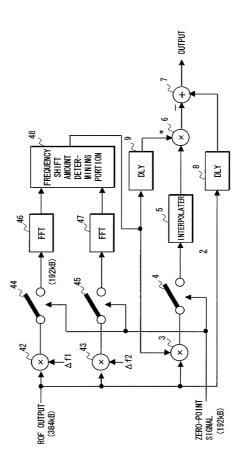


F16, 14

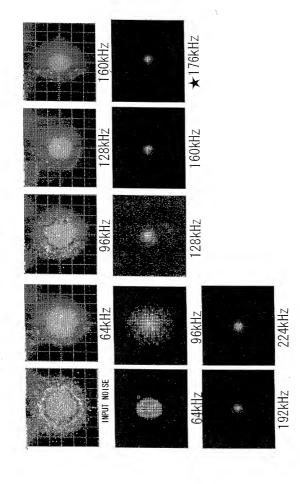


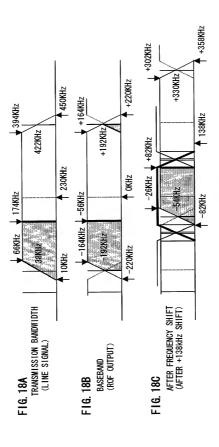
(LINE SPECTRUM IN THE CENTER OF THE PHOTO IS ZERO-POINT SIGNAL OF 192kHz)



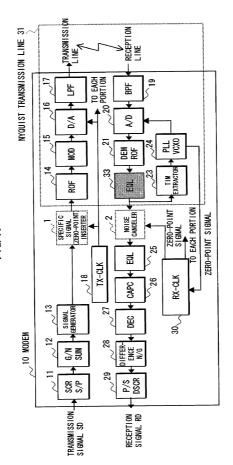


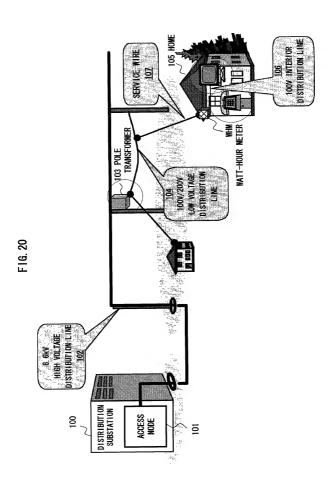
F16. 17





F1G. 19





PRIOR ART

